

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|--|---|------------------|---------|------------------|
| L1 | 22847 | (linear line) adj sensor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/14 09:21 |
| L2 | 6522 | (dummy (optical adj black) dark) near2 (pixel\$1 photodiode\$1 photogate\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/14 09:21 |
| L3 | 199 | L1 and L2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/14 09:30 |
| L4 | 135109 | "250"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/14 09:21 |
| L5 | 49051 | "358"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/14 09:21 |
| L6 | 809254 | transistor\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/14 09:30 |
| L7 | 1811 | 2 and 6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/14 09:31 |
| L8 | 2082439 | op\$1amp operational adj amplifier\$1 subtract\$3 difference | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/14 09:32 |

EAST Search History

| | | | | | | |
|-----|-------|--------------------------------|---|----|-----|------------------|
| L9 | 4001 | 2 and 8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/14 09:32 |
| L10 | 768 | 2 same 8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/14 09:32 |
| L11 | 210 | 10 and 6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/14 09:32 |
| L15 | 674 | 348/241.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/02/14 10:27 |
| L16 | 82 | 2 and 15 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/02/14 10:27 |
| L22 | 466 | 4 and 2 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/02/14 14:08 |
| L23 | 430 | 5 and 2 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/02/14 14:08 |
| L24 | 336 | 4 and 2 and 8 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/02/14 14:08 |
| L25 | 302 | 5 and 2 and 8 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/02/14 14:09 |
| S1 | 17 | (toshimitsu with tamagawa).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 08:57 |
| S2 | 30330 | rohms.as. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 09:01 |

EAST Search History

| | | | | | | |
|-----|--------|---|---|----|-----|------------------|
| S3 | 324268 | photodiode cmos ccd | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 09:02 |
| S4 | 81615 | dummy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 09:02 |
| S5 | 46977 | Correlated adj Double adj Sampling cds | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/14 09:48 |
| S6 | 185 | S2 and S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 11:45 |
| S7 | 301602 | pixel\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 09:04 |
| S8 | 17 | S6 and S3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 09:04 |
| S9 | 262 | 348/243.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 12:02 |
| S10 | 61 | 348/245.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 12:02 |

EAST Search History

| | | | | | | |
|-----|------|---------------------|---|----|-----|------------------|
| S11 | 596 | 348/294.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 12:02 |
| S12 | 376 | 348/302.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 12:02 |
| S13 | 123 | 348/304.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 12:02 |
| S14 | 111 | 348/310.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 12:02 |
| S15 | 349 | 348/311.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 12:03 |
| S16 | 41 | 348/321.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 12:04 |
| S17 | 2741 | 250/208.1.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 12:01 |
| S18 | 2622 | optical near2 black | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 12:06 |

EAST Search History

| | | | | | | |
|-----|--------|----------------------------|---|----|-----|------------------|
| S19 | 12504 | black near2 pixel\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 12:07 |
| S20 | 622 | 348/241.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 12:08 |
| S21 | 141 | 348/262.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 12:11 |
| S22 | 81058 | differential adj amplifier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 12:11 |
| S23 | 221690 | capacitance | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/09/13 12:38 |
| S24 | 328739 | bus | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/09/13 12:39 |
| S25 | 2310 | bus near6 capacitance | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/09/13 12:39 |
| S26 | 152 | S4 and S25 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/09/14 12:14 |
| S27 | 152 | S4 and S25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 12:40 |
| S28 | 321784 | S27 an S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 12:40 |

EAST Search History

| | | | | | | |
|-----|--------|---|---|----|-----|------------------|
| S29 | 35 | S27 and S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 13:17 |
| S30 | 113354 | shift adj register\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 15:38 |
| S31 | 75518 | (multiple plural plurality) near3 (ccd\$1 cmos sensor\$1) chip adj select | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/09/13 13:44 |
| S34 | 1934 | horizontal adj shift adj register\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 15:40 |
| S35 | 90161 | photodiode\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 15:38 |
| S36 | 450 | S34 and S35 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 15:38 |
| S37 | 113354 | shift adj register\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 15:40 |
| S38 | 4163 | S37 and S35 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 15:42 |

EAST Search History

| | | | | | | |
|-----|------|---|---|----|-----|------------------|
| S39 | 680 | S38 and (S22 S5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 15:44 |
| S40 | 274 | S39 and S23 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 15:43 |
| S41 | 247 | S38 and S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 15:46 |
| S42 | 122 | S41 and S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/13 15:46 |
| S45 | 37 | 348/283.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/09/13 16:07 |
| S46 | 87 | 348/298.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/09/13 16:09 |
| S47 | 108 | 348/303.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/09/13 16:13 |
| S48 | 704 | 348/308.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/09/13 16:23 |
| S49 | 140 | 348/317.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/09/13 16:23 |
| S50 | 2030 | Correlated adj Double adj Sampling cds and dummy adj pixel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/14 09:49 |

EAST Search History

| | | | | | | |
|-----|--------|--|---|----|-----|------------------|
| S51 | 24 | ((Correlated adj Double adj Sampling) cds) and dummy adj pixel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/14 09:48 |
| S52 | 24 | (Correlated adj Double adj Sampling cds) and dummy adj pixel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/14 09:49 |
| S55 | 1569 | fixed adj pattern adj noise | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/09/14 10:42 |
| S56 | 1228 | (dark dummy) adj pixel | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/09/14 10:47 |
| S58 | 9694 | (plurality plural multiple) near3 (shift adj register\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/14 12:42 |
| S59 | 1631 | S58 and pixels\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/14 12:16 |
| S60 | 161 | S58 and pixels\$1 and photodiode\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/14 12:16 |
| S63 | 45627 | (plurality plural multiple) near3 (chips IC ICs (integrated adj circuits)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/14 12:42 |
| S64 | 301602 | pixel\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/14 12:43 |

EAST Search History

| | | | | | | |
|-----|--------|-----------------------|---|----|-----|------------------|
| S65 | 90161 | photodiode\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/14 12:43 |
| S66 | 355 | S63 and S64 and S65 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/14 12:43 |
| S73 | 345684 | trigger | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/14 14:48 |
| S76 | 11395 | chip near2 select | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/09/14 15:28 |
| S77 | 118 | S76 and S64 and S65 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/09/14 15:28 |
| S81 | 13425 | multi\$1chip | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/09/14 16:33 |
| S82 | 18 | S81 and (S55 or fpn) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/09/14 16:33 |
| S83 | 26 | S81 and (S55 fpn S56) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/09/14 16:34 |
| S84 | 61 | 348/245.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/15 20:07 |
| S85 | 123 | 348/300.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/15 20:07 |

EAST Search History

| | | | | | | |
|-----|-----|-----------------|---|----|-----|------------------|
| S86 | 265 | 348/243.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/15 20:08 |
| S87 | 107 | 348/307.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/15 20:08 |
| S88 | 597 | 348/294.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/15 20:08 |
| S89 | 350 | 348/311.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/15 20:08 |
| S90 | 0 | 348/230.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/15 20:08 |
| S91 | 135 | 348/230.1.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/15 20:08 |
| S92 | 624 | 348/241.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/15 20:08 |
| S93 | 30 | 348/309.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/15 20:09 |

EAST Search History

| | | | | | | |
|----------|-------|----------------|---|----|-----|------------------|
| S94 | 775 | 710/36.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/15 20:09 |
| S95 | 699 | 382/312.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/15 20:09 |
| S96 | 634 | 358/482.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/15 20:09 |
| S97 | 632 | 358/483.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/15 20:10 |
| S98 | 634 | 358/482.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/15 20:10 |
| S99 | 479 | 327/307.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/15 20:10 |
| S10 0 | 526 | 378/98.8.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/15 20:10 |
| S10 1 | 27329 | intel.as. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/13 09:58 |

EAST Search History

| | | | | | | |
|----------|-------|--|---|----|-----|------------------|
| S10 2 | 324 | dark adj frame | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/13 09:59 |
| S10 3 | 10 | S101 and S102 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/13 10:33 |
| S10 4 | 22847 | (linear line) adj sensor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/14 09:04 |
| S10 5 | 6522 | (dummy (optical adj black) dark) near2 (pixel\$1 photodiode\$1 photogate\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/14 09:05 |
| S10 7 | 49051 | "358"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/14 09:05 |
| S10 8 | 199 | S104 and S105 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/14 09:06 |